Index of Claims

| Ap | pli | catio | on/ | Con | trol | No. |
|----|-----|-------|-----|-----|------|-----|
|----|-----|-------|-----|-----|------|-----|

09/766,749

Examiner

Tianjie Chen

Applicant(s)/Patent under Reexamination

O'NEILL, CONAL

Art Unit

2656

| √ | Rejected |
|---|----------|
| 1 | Allawad  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
|   | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      | Date         |                  |         |         | Claim Date |           |          |          |          |               |          |                 |          | 1:::::1  | Cl      | aim                 | Date     |         |          |       |            |          |           |          |                 |          |          |                    |
|--------------|----------|--------------|------------------|---------|---------|------------|-----------|----------|----------|----------|---------------|----------|-----------------|----------|----------|---------|---------------------|----------|---------|----------|-------|------------|----------|-----------|----------|-----------------|----------|----------|--------------------|
|              |          | $\vdash$     | Т                | Т       | Ť       | T          | Т         | T        | $\neg$   | -        | - <del></del> |          |                 |          |          |         |                     |          |         |          |       |            | - Jaie   |           |          |                 |          |          |                    |
| Final        | Original | 2/1/06       |                  |         |         |            |           |          |          |          | Final         | Original | 2/1/06          |          |          |         |                     |          |         |          | Final | Original   |          |           |          |                 |          |          |                    |
|              | 1        | 7            | $\dashv$         | ┪       | T       | 十          | T         | T        | T        |          |               | 51       | П               |          | _        | 1       | П                   | 寸        |         |          |       | 101        |          | T         |          | П               | T        | 寸        | 丁                  |
| 2            | 2        | =            |                  | T       | T       | $\top$     | Ť         | T        |          | 7        |               | 52       | П               |          | $\top$   |         |                     |          |         | 1        |       | 102        |          | T         |          | П               |          | 寸        | $\neg$             |
| 3            | 3        | =            |                  |         | $\prod$ |            |           |          |          | ]        |               | 53       |                 |          |          | Ī.,     |                     |          |         |          |       | 103        |          |           |          |                 |          |          |                    |
|              | 4        | 1            |                  |         |         |            |           |          | ļ        |          |               | 54       |                 |          |          |         |                     |          |         |          |       | 104        |          |           |          |                 |          |          |                    |
| 4            | 5        | =            |                  |         | $\perp$ | $\perp$    |           |          | ┸        |          |               | 55       |                 |          | Ĺ        |         |                     |          |         |          |       | 105        |          |           |          |                 |          |          | $\perp$            |
| 5            | 6        | =            |                  |         | ┸       |            | $\perp$   |          | ┸        |          |               | 56_      |                 |          | $\perp$  |         |                     |          | $\perp$ |          |       | 106        |          |           |          |                 |          |          |                    |
| 6            | 7        | =            |                  | 1       |         |            |           | _ _      |          | _        |               | 57       | Ш               |          |          |         |                     |          |         |          |       | 107        |          | 1_        |          | Ш               |          | _        |                    |
|              | 8        | /            | $\perp$          | $\perp$ | 4       | _          | 1         | _        | _        | _        |               | 58       |                 | $\perp$  | $\perp$  | _       | $\sqcup$            |          |         |          |       | 108        |          | <u> </u>  |          | Ш               | _        | _        | $\bot$             |
|              | 9        | 1            | $\perp$          | _       | +       | $\bot$     | _         | $\perp$  | _        | 4        | <u> </u>      | 59       |                 | $\dashv$ |          | ₩       | $\vdash \vdash$     | _        | -       |          |       | 109        |          | _         |          | Ш               |          | 4        | —                  |
| <u> </u>     | 10       | 1            |                  | _       | $\bot$  | -          | _         | -        | 4        | -        |               | 60       |                 |          |          | -       | $\vdash \vdash$     | _        | _       |          |       | 110        |          | ╄         |          |                 | $\dashv$ | -        |                    |
| ļ            | 11       | 1            | $\vdash$         | +       | +       | +          | +         |          | +        | -        | <u> </u>      | 61       | $\vdash$        | $\dashv$ |          | ╁       | $\vdash \downarrow$ | $\dashv$ | +       |          |       | 111        |          | $\vdash$  | <u> </u> | Н               | $\dashv$ | -        | +                  |
|              | 12       | 1            | $\vdash \vdash$  | +       | +       | +-         | +         | +        | +        | -        | <b> </b>      | 62       | $\vdash$        | $\dashv$ | -        | +-      | $\vdash \vdash$     | +        | +       |          |       | 112        | $\dashv$ | ┼         | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +-                 |
| <b>—</b>     | 13       | 1            | $\vdash \vdash$  | +       | +       | +          | +         | +        | +        | -        | $\vdash$      | 63       | $\vdash$        | $\dashv$ | - -      | +       | $\vdash$            |          | -       |          |       | 113        | -        | ┼         | $\vdash$ | $\vdash\vdash$  | $\dashv$ | +        | +                  |
| 9            | 14       | -            |                  | +       | +       | ╫          | ╫         | +        | +        | -        | <b> </b>      | 64       | Н               | +        | +        | +       | $\vdash$            | -        |         |          |       | 114<br>115 |          | ╄         | ⊢        | Н               |          | +        |                    |
| <del>-</del> | 15<br>16 | <del>=</del> | $\vdash$         | +       | +       | ╫          | ╁         | +        | +        | -        |               | 65<br>66 | -               | -        |          | +       | $\vdash$            | $\dashv$ | +       |          |       | 116        |          | +         |          | $\vdash$        | $\dashv$ | +        | +                  |
|              | 17       | 7            | $\vdash$         | +       | +       | +          | +         | +        | +        | -        | <u> </u>      | 67       | -               | $\dashv$ |          | +       | $\vdash$            |          | +-      | 1        |       | 117        |          | +-        | -        | $\vdash$        | $\dashv$ | +        |                    |
| <b>-</b>     | 18       | 7            |                  | +       | -       | +          | ╁         | $\dashv$ |          | -        |               | 68       | H               |          |          | ╁       | $\vdash$            | $\dashv$ | +       | ł        |       | 118        |          | +-        | -        | H               | -        | +        | +                  |
| $\vdash$     | 19       | 7            | -+               | +       | +-      | +          | ╁         | ┰        | $\dashv$ | -        | -             | 69       | $\vdash$        | $\dashv$ | +        | +       | $\vdash$            | $\dashv$ | +       | ł        |       | 119        |          | +         |          | H               | $\dashv$ | +        | +                  |
| 10           | 20       | =            | $\vdash$         | +       | +       | +          | +         | +        | $\dashv$ | $\dashv$ | $\vdash$      | 70       | $\vdash$        | -        |          | +       | $\vdash$            | $\dashv$ | +       | ł        |       | 120        | +        | +         | $\vdash$ | -               | -        | -+       |                    |
| 11           | 21       | =            | $\vdash$         | +       | ╁       | +          | +         | +        | $\dashv$ | $\dashv$ | $\vdash$      | 71       | Н               | $\dashv$ | $\dashv$ | +       | H                   | -+-      |         | 1        |       | 121        |          | +         |          | Н               | $\dashv$ | $\dashv$ | +                  |
| 12           | 22       | =            |                  | +       | +       | +          | ╈         | +        | +        | -        | -             | 72       |                 | -        | _        | +-      | ┢                   | _        | $\top$  | 1        | -     | 122        | +        | $\dagger$ |          | Н               |          | $\dashv$ | +                  |
| 7            | 23       | =            |                  | $\top$  | $\top$  | 十          | 十         | _        | ┰        | -        |               | 73       |                 |          |          | +       |                     | $\neg$   | ┰       | 1        |       | 123        |          | $\top$    |          |                 | $\dashv$ | 寸        | $\top$             |
| $\vdash$     | 24       | 7            |                  | _       | ╁       | ╅          | ╈         | $\top$   | +        |          |               | 74       | $\vdash$        | $\dashv$ | $\neg$   | +-      |                     | $\dashv$ | +-      | 1        |       | 124        | $\dashv$ | 1         |          |                 | $\neg$   | _        | +                  |
| 13           | 25       | =            | $\top$           | $\top$  | $\top$  | $\top$     | Ť         | $\top$   | 十        | ┧        |               | 75       | _               | 寸        | $\neg$   | 1       |                     | _        | $\top$  |          |       | 125        |          | 1         |          | Н               | $\dashv$ | 寸        | +                  |
| 14           | 26       | =            | $\top$           | $\top$  | ╅       | $\top$     | $\top$    | 1        |          | 7        |               | 76       | Н               | ヿ        | $\dashv$ | ╈       |                     |          |         |          |       | 126        |          | $\top$    | П        | П               |          | $\dashv$ | $\top$             |
|              | 27       | 7            |                  | ┪       | ┪       | ╅          | $\top$    | ┪        | T        | 7        |               | 77       | П               | T        | $\top$   | 1       |                     |          | $\top$  |          |       | 127        |          | T         |          | П               |          | $\top$   | $\top$             |
|              | 28       | 7            |                  | T       | T       |            | T         | 1        | T        | 7        |               | 78       |                 | $\neg$   | $\neg$   | $\top$  | П                   |          |         | 1        |       | 128        |          |           |          | П               | $\neg$   | 寸        | $\top$             |
| 1            | 29       | =            |                  |         |         |            |           |          |          |          |               | 79       |                 |          |          |         |                     |          |         |          |       | 129        |          | 1         |          |                 |          | 丁        |                    |
|              | 30       | 1            |                  |         |         |            |           |          |          |          |               | 80       |                 |          |          |         |                     |          |         |          |       | 130        |          |           |          |                 |          |          |                    |
| 8            | 31       |              |                  |         |         |            |           |          |          |          |               | 81       |                 |          |          |         |                     |          |         |          |       | 131        |          |           |          |                 |          |          |                    |
|              | 32       |              | $\perp$          | $\perp$ | _       |            |           |          |          |          |               | 82       |                 |          |          |         |                     |          | $\perp$ |          |       | 132        |          |           |          |                 |          |          |                    |
|              | 33       | L.           |                  |         |         | _          | 1         | ┸        |          | _        |               | 83       |                 | _        |          |         |                     |          |         |          |       | 133        |          | _         |          |                 |          |          | $oldsymbol{\perp}$ |
|              | 34       | L_           | $\sqcup \bot$    | $\perp$ | ┸       | $\perp$    | 1         | $\perp$  | $\perp$  | _        | <u> </u>      | 84       | Ш               |          | $\bot$   | $\perp$ | Ц                   | $\perp$  | $\bot$  |          |       | 134        |          | <u> </u>  | <u> </u> | Ш               | $\dashv$ | $\perp$  |                    |
| <u></u>      | 35       | <u> </u>     |                  | $\perp$ | $\perp$ | $\perp$    | $\perp$   | $\perp$  | $\perp$  | 4        | <u> </u>      | 85       | Щ               |          | $\bot$   | $\bot$  | $\sqcup$            | $\dashv$ | +       |          |       | 135        |          | <u> </u>  | <u> </u> | Ш               | $\dashv$ | 4        |                    |
| <u> </u>     | 36       | <b> </b>     | <del>    -</del> | $\bot$  | 4       | _          | 1         | $\bot$   | $\perp$  | _        | <u> </u>      | 86       | Ш               | _        | $\bot$   | $\perp$ | $\sqcup$            | _        | -       | <b>.</b> |       | 136        |          | <u> </u>  |          | Ш               | _        | 4        |                    |
|              | 37       | <u> </u>     | $\vdash$         | 4       | 4       | 4          | +         | $\bot$   | $\bot$   | -        | <u> </u>      | 87       | Ш               | $\dashv$ | $\dashv$ | ╁.      | $\sqcup$            | $\dashv$ | -       |          |       | 137        |          | ↓_        | <u> </u> | Ш               | $\dashv$ | 4        |                    |
|              | 38       | <u> </u>     | $\vdash$         | +       | +       | +          | +         | +        | +        | 4        |               | 88       | Щ               | $\dashv$ |          | $\perp$ | $\sqcup$            | -        |         | <b> </b> |       | 138        | -        |           | $\vdash$ | Щ               | 4        | 4        | +                  |
| <u> </u>     | 39       | $\vdash$     | $\vdash$         | +       | +       | +          | +         | +        | +        | -        |               | 89       | $\vdash$        | -+       | -        | +-      | $\vdash \vdash$     | $\dashv$ | -       |          |       | 139        |          | $\vdash$  | -        | $\vdash \vdash$ | -        | +        | $+\!\!\!-$         |
| -            | 40<br>41 | $\vdash$     | +                | +       | +       | +          | +         | +        | +        | -        |               | 90       | Н               | -+       | +        | +-      | $\vdash$            | +        | -       |          |       | 140        | -        | $\vdash$  | $\vdash$ | Н               |          | +        | +                  |
| <u> </u>     | 41       | H            |                  | +       | +       | +          | +         | +        | +        | -        | <u> </u>      | 91<br>92 | $\vdash$        | $\dashv$ | +        | ╁       | $\vdash \vdash$     | +        | +-      |          |       | 141        |          | $\vdash$  | Н        | Н               | -+       | $\dashv$ | +                  |
| <del></del>  | 42       | <u> </u>     | $\vdash$         | +       | +       | ╁          | +         | +        | +        | -        | $\vdash$      | 93       | Н               |          | +        | +       | $\vdash \vdash$     | +        |         |          |       | 142<br>143 |          | +         | Н        | $\vdash$        | $\dashv$ | +        | +                  |
| $\vdash$     | 43       | $\vdash$     |                  | +       | +       | +-         | +         | +        | +-       | -        | $\vdash$      | 94       | H               | -+       | +        | ╁       | ⊣                   | +        |         | ::::     |       | 144        | +        | $\vdash$  | Н        | $\vdash\vdash$  | -+       | $\dashv$ | +                  |
|              | 45       | $\vdash$     |                  | +       | +       | +-         | +         | +        | +        | ┨Ш       | $\vdash$      | 95       | Н               | $\dashv$ | +        | +       | $\forall$           | $\dashv$ | +       |          |       | 145        | +        | +         | H        | $\vdash$        | $\dashv$ | $\dashv$ | +                  |
| <u> </u>     | 46       | <u> </u>     | $\vdash$         | +       | +       | +          | +         | +        | +-       | 1        | <b> </b>      | 96       | Н               | $\dashv$ | +        | +       | $\dashv$            | $\dashv$ | +       |          |       | 146        | +        | +-        | $\vdash$ |                 | $\dashv$ | +        | +                  |
|              | 47       |              | $\dashv$         | +       | $\top$  | ╅          | +         | +        | +        | 1        |               | 97       | $\vdash$        | -+       | +        | +       | $\vdash$            | $\dashv$ | +       |          |       | 147        | $\dashv$ | +         | $\vdash$ |                 | +        | +        | +                  |
|              | 48       | H            | +                | +       | $\top$  | $\top$     | 十         | +        | +        | 1        | $\vdash$      | 98       | $\vdash \vdash$ | $\dashv$ | +        | +       | $\forall$           | $\dashv$ | $\top$  |          |       | 148        | +        | $t^-$     | H        | $\dashv$        | $\dashv$ | +        | +                  |
|              | 49       | П            | $\top$           | $\top$  | 十       | $\top$     | $\dagger$ | $\top$   | 十        | 1        |               | 99       |                 | $\dashv$ | +-       | +-      | $\vdash \vdash$     | $\top$   | _       |          |       | 149        | +        |           | М        | $\dashv$        | ╅        | +        | +                  |
|              | 50       | Н            | -                | $\top$  | $\top$  | 1          | $\top$    | 十        | 十        | ٦        | $\vdash$      | 100      |                 | $\dashv$ | -†-      | +-      | $\vdash \vdash$     | $\dashv$ | 1-      |          |       | 150        | +        | $\top$    | Н        | $\dashv$        | $\dashv$ | $\dashv$ | +                  |
|              |          | _            |                  |         |         |            |           |          | -        | <b>_</b> |               |          |                 | _        |          |         |                     |          |         | اا       |       | ,50        |          | 1         | _        |                 |          | i_       | ——                 |